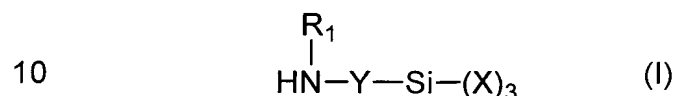


WHAT IS CLAIMED IS:

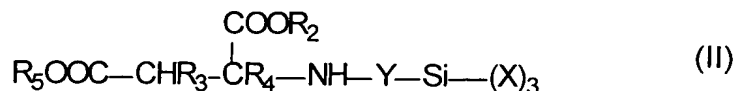
1. A polyether urethane containing one reactive silane group and one or more polyether segments having a number average molecular weight of 1000 to 15,000 and a maximum total degree of unsaturation of less than 0.04 milliequivalents/g (meq/g), wherein the reactive silane groups are incorporated by the reaction of an isocyanate group with a compound corresponding to the formula



wherein

- X represents identical or different organic groups which are inert to isocyanate groups below 100°C, provided that at least two of these groups are alkoxy or acyloxy groups,
- Y represents a linear or branched alkylene group containing 1 to 8 carbon atoms and
- R<sub>1</sub> represents an organic group which is inert to isocyanate groups at a temperature of 100°C or less.
2. The polyether urethane of Claim 1 wherein
- X represents identical or different alkoxy groups having 1 to 4 carbon atoms,
- Y represents a linear radical containing 2 to 4 carbon atoms or a branched radical containing 5 to 6 carbon atoms and
- R<sub>1</sub> represents an alkyl, cycloalkyl or aromatic group having 1 to 12 carbon atoms.

3. The polyether urethane of Claim 1 wherein the reactive silane groups of component b) are incorporated as the reaction product of an isocyanate group and a compound corresponding to the formula

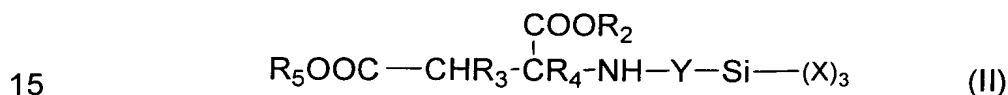


wherein

5      $\text{R}_2$  and  $\text{R}_5$  are identical or different and represent organic groups which are inert to isocyanate groups at a temperature of 100°C or less and

$\text{R}_3$  and  $\text{R}_4$  are identical or different and represent hydrogen or organic groups which are inert towards isocyanate groups at a  
10     temperature of 100°C or less.

4.     The polyether urethane of Claim 1 wherein the reactive silane groups of component b) are incorporated as the reaction product of an isocyanate group and a compound corresponding to the formula



wherein

X     represents identical or different alkyl or alkoxy groups having 1 to 4 carbon atoms,

20     Y     represents a linear radical containing 2 to 4 carbon atoms or a branched radical containing 5 to 6 carbon atoms,

$\text{R}_2$  and  $\text{R}_5$  are identical or different and represent alkyl groups having 1 to 4 carbon atoms and

$\text{R}_3$  and  $\text{R}_4$  represent hydrogen.

25     5.     The polyether urethane of Claim 1 wherein the polyether segments have a number average molecular weight of 3000 to 12,000.

6.     The polyether urethane of Claim 2 wherein the polyether segments have a number average molecular weight of 3000 to 12,000.

7. The polyether urethane of Claim 3 wherein the polyether segments have a number average molecular weight of 3000 to 12,000.

8. The polyether urethane of Claim 4 wherein the polyether  
5 segments have a number average molecular weight of 3000 to 12,000.